

Supplementary Material

Table S1. Within-species site type specific gravity (SG) differences, standard errors, and difference test results. Differences were statistically significant at the 95% confidence level when the adjusted p-value (Adj Pr > |t|) was less than 0.05.

Species	Site Type Comparison		Difference	Standard Error	Pr > t	Adj Pr > t
American elm (<i>Ulmus americana</i> L.)	Lawn	Unrestricted	0.046	0.056	0.435	0.701
American elm (<i>Ulmus americana</i> L.)	Lawn	Pit	0.027	0.076	0.731	0.933
American elm (<i>Ulmus americana</i> L.)	Unrestricted	Pit	-0.019	0.074	0.804	0.965
Siberian elm (<i>Ulmus pumila</i> L.)	Lawn	Unrestricted	0.042	0.028	0.180	0.351
Siberian elm (<i>Ulmus pumila</i> L.)	Lawn	Pit	-0.054	0.032	0.134	0.273
Siberian elm (<i>Ulmus pumila</i> L.)	Unrestricted	Pit	-0.096	0.022	0.003	0.008
Ash spp. ^a (<i>Fraxinus</i> spp.)	Lawn	Unrestricted	0.036	0.023	0.136	0.289
Ash spp. ^a (<i>Fraxinus</i> spp.)	Lawn	Pit	-0.059	0.044	0.188	0.379
Ash spp. ^a (<i>Fraxinus</i> spp.)	Unrestricted	Pit	-0.095	0.044	0.041	0.098
Ash spp. ^a (<i>Fraxinus</i> spp.)	Forested	Lawn	-0.037	0.026	0.165	0.499
Ash spp. ^a (<i>Fraxinus</i> spp.)	Forested	Unrestricted	0.000	0.027	0.999	1.000
Ash spp. ^a (<i>Fraxinus</i> spp.)	Forested	Pit	-0.097	0.053	0.074	0.273
Pin oak (<i>Quercus palustris</i> Münchh.)	Lawn	Unrestricted	0.023	0.019	0.246	0.468
Pin oak (<i>Quercus palustris</i> Münchh.)	Lawn	Pit	-0.010	0.019	0.600	0.856
Pin oak (<i>Quercus palustris</i> Münchh.)	Unrestricted	Pit	-0.034	0.022	0.153	0.318
Red maple (<i>Acer rubrum</i> L.)	Lawn	Unrestricted	0.005	0.035	0.885	0.988
Red maple (<i>Acer rubrum</i> L.)	Lawn	Pit	0.007	0.023	0.757	0.948
Red maple (<i>Acer rubrum</i> L.)	Unrestricted	Pit	0.002	0.036	0.954	0.998
Silver maple (<i>Acer saccharinum</i> L.)	Lawn	Unrestricted	-0.061	0.040	0.151	0.151
Sugar maple (<i>Acer saccharum</i> Marsh.)	Lawn	Unrestricted	0.062	0.053	0.258	0.485
Sugar maple (<i>Acer saccharum</i> Marsh.)	Lawn	Pit	0.032	0.042	0.465	0.738
Sugar maple (<i>Acer saccharum</i> Marsh.)	Unrestricted	Pit	-0.031	0.065	0.645	0.886

^a *Fraxinus americana* L. or *Fraxinus pennsylvanica* Marshall

Table S2. Within-species site type ash content (AAC) differences, standard errors, and difference test results. Differences were statistically significant at the 95% confidence level when the adjusted p-value (Adj Pr > |t|) was less than 0.05.

Species	Site Type Comparison		Difference	Standard Error	Pr > t	Adj Pr > t
American elm (<i>Ulmus americana</i> L.)	Lawn	Unrestricted	0.142	0.262	0.601	0.852
American elm (<i>Ulmus americana</i> L.)	Lawn	Pit	0.614	0.339	0.108	0.227
American elm (<i>Ulmus americana</i> L.)	Unrestricted	Pit	0.471	0.329	0.189	0.370
Ash spp. ^a (<i>Fraxinus</i> spp.)	Forested	Lawn	-0.697	0.248	0.009	0.041
Ash spp. ^a (<i>Fraxinus</i> spp.)	Forested	Unrestricted	-0.020	0.250	0.937	1.000
Ash spp. ^a (<i>Fraxinus</i> spp.)	Forested	Pit	-0.220	0.406	0.593	0.948
Ash spp. ^a (<i>Fraxinus</i> spp.)	Lawn	Unrestricted	0.677	0.201	0.002	0.011
Ash spp. ^a (<i>Fraxinus</i> spp.)	Lawn	Pit	0.477	0.378	0.217	0.594
Ash spp. ^a (<i>Fraxinus</i> spp.)	Unrestricted	Pit	-0.200	0.379	0.603	0.952
Pin oak (<i>Quercus palustris</i> Münchh.)	Lawn	Unrestricted	0.093	0.194	0.639	0.883
Pin oak (<i>Quercus palustris</i> Münchh.)	Lawn	Pit	-0.081	0.194	0.683	0.909
Pin oak (<i>Quercus palustris</i> Münchh.)	Unrestricted	Pit	-0.173	0.219	0.441	0.715
Red maple (<i>Acer rubrum</i> L.)	Lawn	Unrestricted	-0.091	0.107	0.401	0.673
Red maple (<i>Acer rubrum</i> L.)	Lawn	Pit	-0.220	0.071	0.005	0.014
Red maple (<i>Acer rubrum</i> L.)	Unrestricted	Pit	-0.129	0.112	0.265	0.498
Siberian elm (<i>Ulmus pumila</i> L.)	Lawn	Unrestricted	1.032	0.684	0.175	0.344
Siberian elm (<i>Ulmus pumila</i> L.)	Lawn	Pit	2.377	0.743	0.015	0.035
Siberian elm (<i>Ulmus pumila</i> L.)	Unrestricted	Pit	1.345	0.466	0.023	0.054
Silver maple (<i>Acer saccharinum</i> L.)	Lawn	Unrestricted	0.721	0.807	0.387	0.387
Sugar maple (<i>Acer saccharum</i> Marsh.)	Lawn	Unrestricted	0.020	0.274	0.943	0.997
Sugar maple (<i>Acer saccharum</i> Marsh.)	Lawn	Pit	0.059	0.209	0.781	0.957
Sugar maple (<i>Acer saccharum</i> Marsh.)	Unrestricted	Pit	0.039	0.329	0.907	0.992

^a *Fraxinus americana* L. or *Fraxinus pennsylvanica* Marshall